

# PORTABLE REFRACTOMETERS



Simple, precise instruments for determining the concentration of different substances in aqueous solution, using the refraction principle. ATC (Automatic Compensation Temperature) system allows measurements to be taken at alternative temperatures to the standard 20 °C without re-calibration.



MODEL	MEASUREMENT	COMMON APPLICATIONS	RANGE	PRECISION	ATC	CODE
RBC	Brix	Tomato, oily emulsions, etc	0-10%	0.1%	Yes	K71900
RLC	Brix	Fruit, fruit juices, milk	0-18%	0.1%	Yes	K71901
RZT	Brix	General purpose	0-32%	0.2%	Yes	K71319
RFC	Brix	Jam, tomato juice or paste	28-62%	0.2%	Yes	K71320
RPD	Brix	Jam, tomato juice or paste	45-82%	0.5%	Yes	K71314
RPU	Brix	General purpose	0-80% (2 ranges)	1%	No	K7117
RTS	Brix	General purpose	0-90% (3 ranges)	0.2%	No	K71316
RMM	Brix	Honey, jam	58-90%	0.5%	Yes	K71902
	Baumé		38-43°	0.5°		
	Water		17-27%	1%		
RPI	g/dl	Biological fluids: urine, serum	0-12	0,2	Yes	K71903
	Sp. gravity		1.000-1.050	0.002		
	Refr. Index		1.3330-1.3600	0.00025		
RSM	Percentage	Salinity concentration	0-100‰	1‰	Yes	K71904
RCS	Percentage	Salinity concentration	0-28%	0.2%	Yes	K71905
RPC	Percentage	Freezing point, electrolytes in batteries	-50/0 °C 1.10-1.40	5 °C 0.1	Yes	K71906
RGA	Percentage	Alcoholic solutions	0-80% Vol	1% Vol	Yes	K71909
RMA	Percentage	Probable alcohol in wine Sugar content in grapes	0-25% Vol	0.2% Vol	Yes	K71907
	Brix		0-40%	0.2%		
RBB	Percentage	Probable alcohol in wine Sugar content in grapes Density	0-25% Vol	0.2%	Yes	K71321
	Brix		0-40%	0.2%		
	Baumé		0-22°	0.2°		
RMB	Percentage	Probable alcohol in wine Density	0-25% Vol	0.2% Vol	Yes	K71908
	Baumé		0-20°	0.2°		
RBO	Oechsle	Sugar content in grapes	0-140°	1°	Yes	K71196
	Babo		0-25°	0.2°		
	Brix		0-32%	0.2%		



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